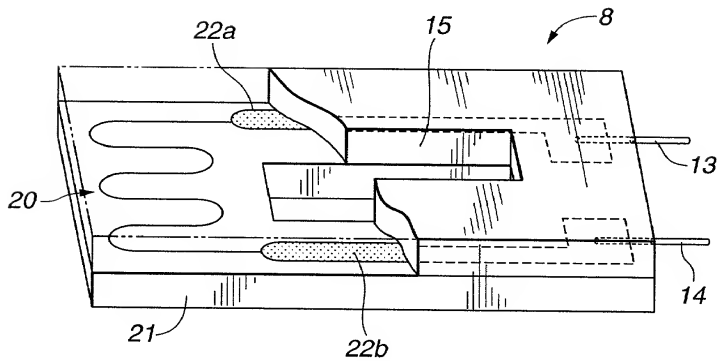
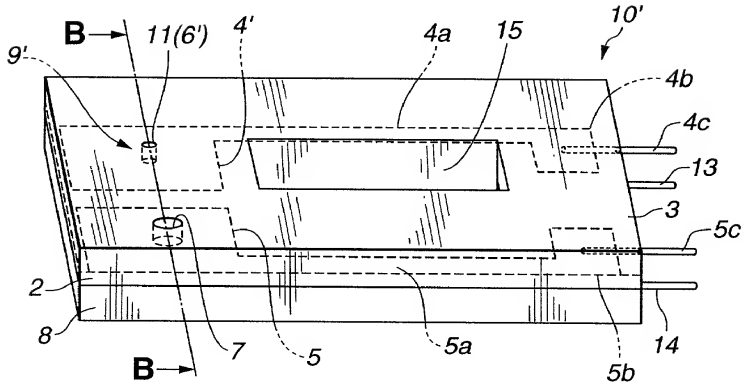


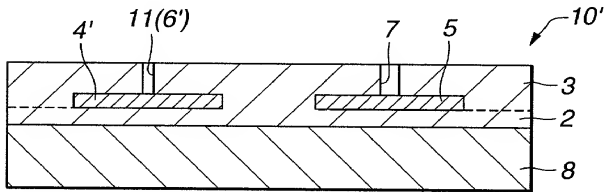
FIG.4



**FIG.5(a)**



**FIG.5(b)**



**CROSS SECTION B-B**

**FIG.6**

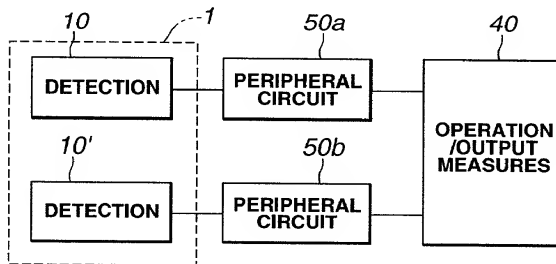
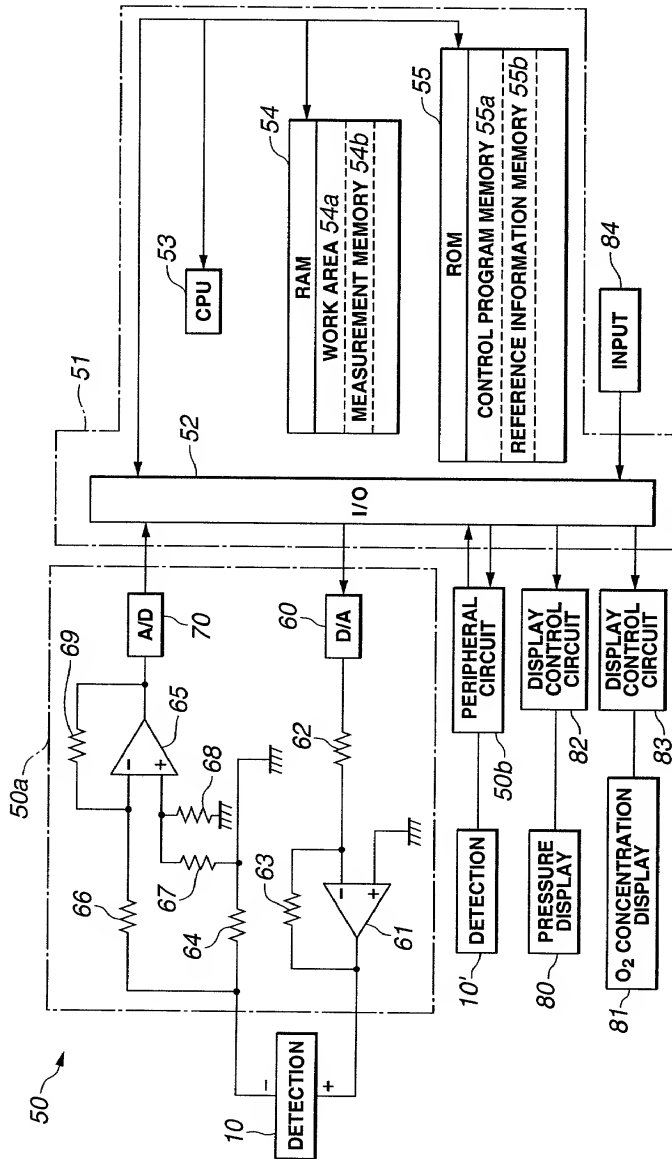
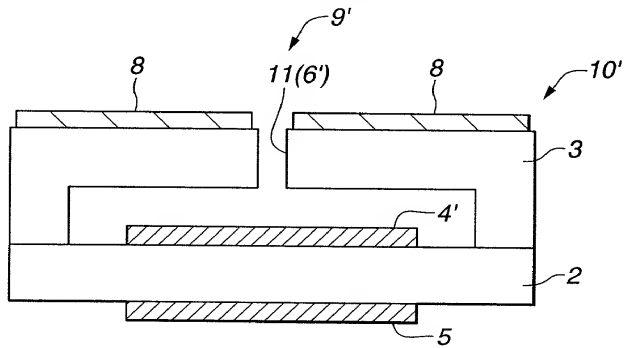


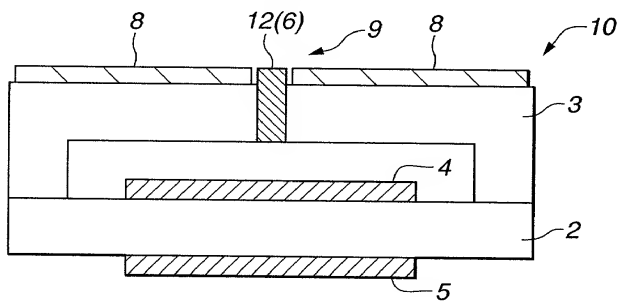
FIG.7



**FIG.8(a)**



**FIG.8(b)**



**FIG.9**

208

O <sub>2</sub> CONCENTRATION=CO'				
PUMP CURRENT	I <sub>1</sub>	I <sub>2</sub>	I <sub>3</sub>	.....
PRESSURE	P <sub>1</sub>	P <sub>2</sub>	P <sub>3</sub>	.....

**FIG.10(a)**

↖ 210

PUMP CURRENT	$I'_1$	$I'_2$	$I'_3$	.....
O <sub>2</sub> CONCENTRATION (CO <sub>1</sub> )	CO <sub>11</sub>	CO <sub>12</sub>	CO <sub>13</sub>	.....

**FIG.10(b)**

↖ 212

PUMP CURRENT	$I_1$	$I_2$	$I_3$	.....
O <sub>2</sub> CONCENTRATION (CO <sub>2</sub> )	CO <sub>21</sub>	CO <sub>22</sub>	CO <sub>23</sub>	.....

**FIG.10(c)**

↖ 214

$\Delta CO$ / CO <sub>1</sub>	CO <sub>11</sub>	CO <sub>12</sub>	CO <sub>13</sub>	.....
$\Delta CO_1$	P <sub>11</sub>	P <sub>12</sub>	P <sub>13</sub>	.....
$\Delta CO_2$	P <sub>21</sub>	P <sub>22</sub>	P <sub>23</sub>	.....
$\Delta CO_3$	P <sub>31</sub>	P <sub>32</sub>	P <sub>33</sub>	.....
⋮	⋮	⋮	⋮	$\Delta CO = CO_1 - CO_2$
⋮	⋮	⋮	⋮	

**FIG.10(d)**

↖ 216

$\Delta I$ / $I'$	$I'_1$	$I'_2$	$I'_3$	.....
$\Delta I_1$	P <sub>11</sub>	P <sub>12</sub>	P <sub>13</sub>	.....
$\Delta I_2$	P <sub>21</sub>	P <sub>22</sub>	P <sub>23</sub>	.....
$\Delta I_3$	P <sub>31</sub>	P <sub>32</sub>	P <sub>33</sub>	.....
⋮	⋮	⋮	⋮	$\Delta I = I'_1 - I_2$
⋮	⋮	⋮	⋮	

**FIG.11(a)**

↖ 220

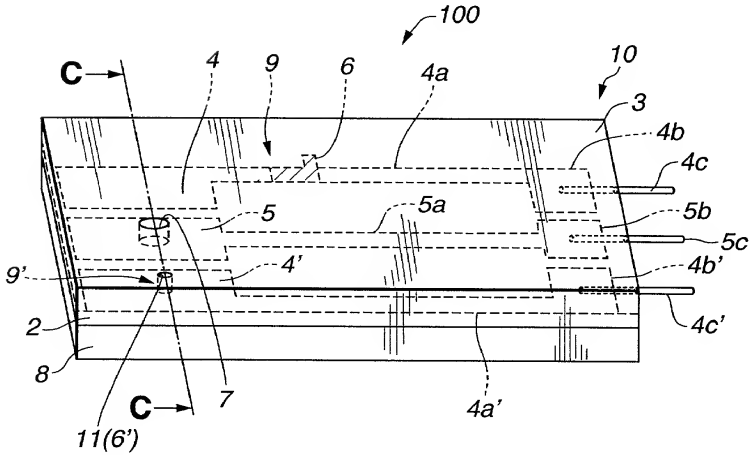
CO \ P	P <sub>1</sub>	P <sub>2</sub>	P <sub>3</sub>	.....
CO <sub>1</sub>	I' <sub>11</sub>	I' <sub>12</sub>	I' <sub>13</sub>	.....
CO <sub>2</sub>	I' <sub>21</sub>	I' <sub>22</sub>	I' <sub>23</sub>	.....
CO <sub>3</sub>	I' <sub>31</sub>	I' <sub>32</sub>	I' <sub>33</sub>	.....
⋮	⋮	⋮	⋮	
⋮	⋮	⋮	⋮	
⋮	⋮	⋮	⋮	

**FIG.11(b)**

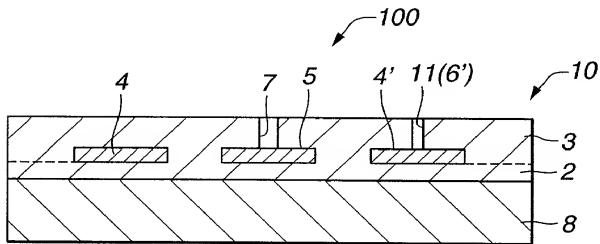
↖ 222

CO \ P	P <sub>1</sub>	P <sub>2</sub>	P <sub>3</sub>	.....
CO <sub>1</sub>	I <sub>11</sub>	I <sub>12</sub>	I <sub>13</sub>	.....
CO <sub>2</sub>	I <sub>21</sub>	I <sub>22</sub>	I <sub>23</sub>	.....
CO <sub>3</sub>	I <sub>31</sub>	I <sub>32</sub>	I <sub>33</sub>	.....
⋮	⋮	⋮	⋮	
⋮	⋮	⋮	⋮	
⋮	⋮	⋮	⋮	

**FIG.12(a)**



**FIG.12(b)**



**CROSS SECTION C-C**



**FIG.13**

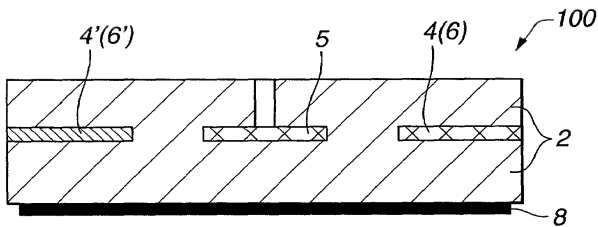
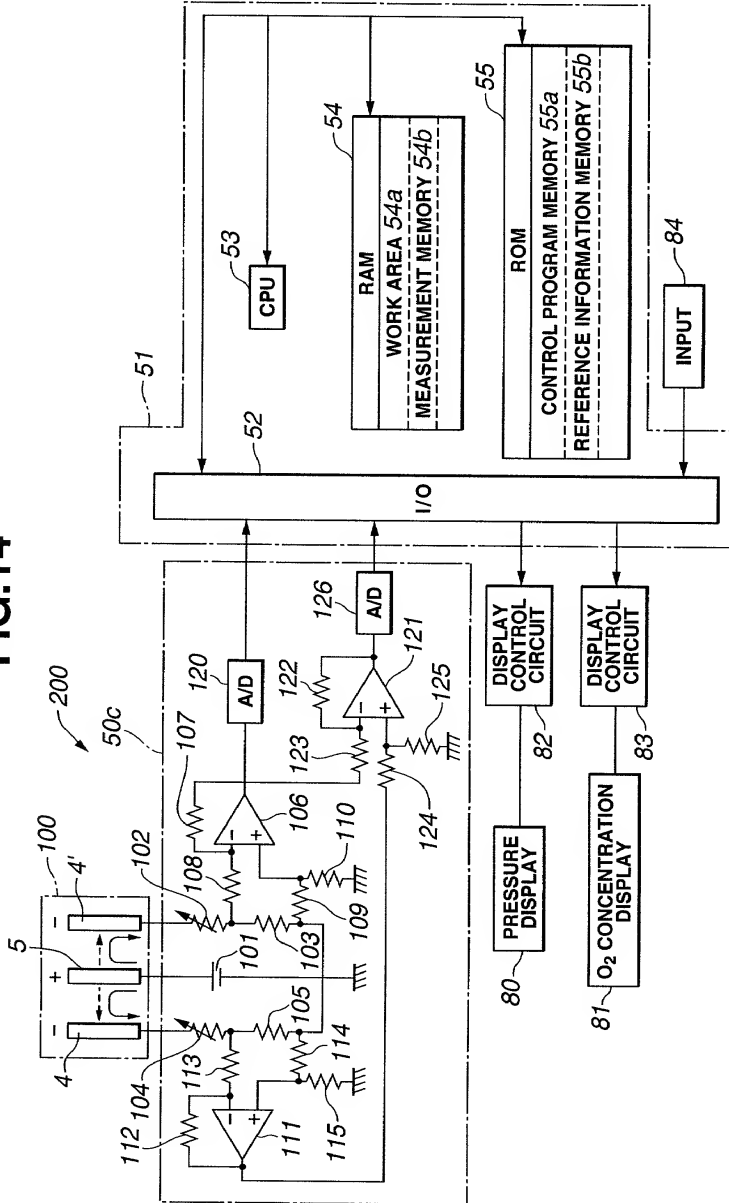
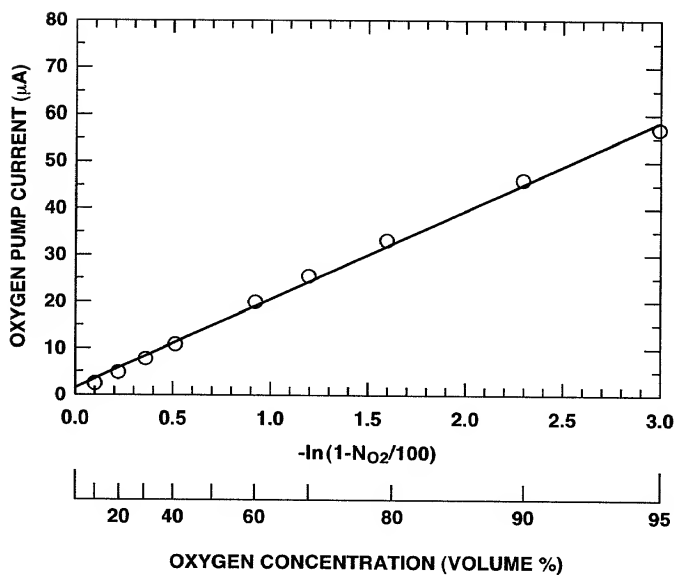


FIG.14



**FIG.15**



**FIG.16**

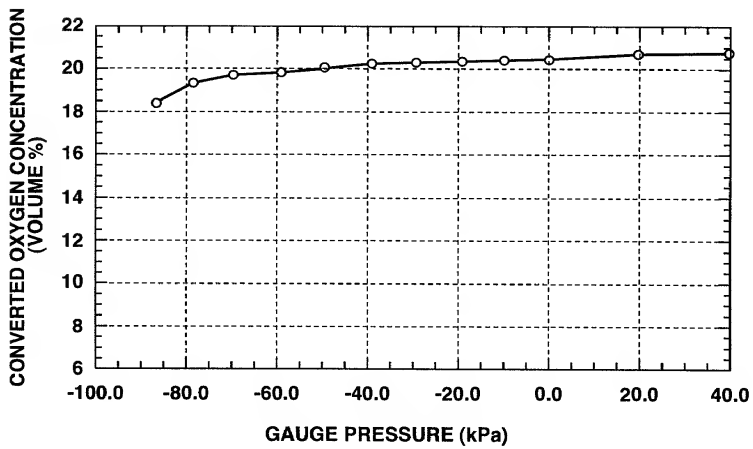
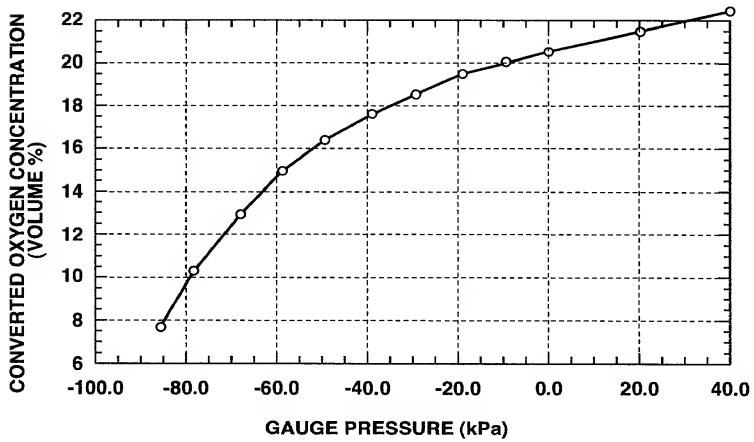


FIG.17



**FIG.18**

